


Current Approver:	n/a	Copy To on Completion:	n/a
Current Status:	Issued	Next Status:	n/a
Approval Required From:	All		

Burnside Incident Investigation Report (for Internal Use Only)

Created by Thomas Miller On 05/25/2012

Incident Information (Link to S3Y)			
Incident Number:		12-0020-RCI	
Title:		Gas Leak on the HIP Heat Exchanger	
Incident Date: (if applicable)		05/24/2012	Incident Time: 09:30 PM
Date of first awareness / initial DuPont contact / notified of incident:		05/24/2012	Time of first awareness / initial DuPont contact / notified of incident: 09:30 PM
Date Investigation Began		05/24/2012	Time Investigation Began 09:30 PM
Business/Unit:		Burnside	Area: Acid Plant
Brief Description of known facts:		While making Homeland security check gas leak was noticed coming off the hoses above the HIP.	
Immediate Action Taken:		1. Notified supervision 2. Reduce sulfur burden in order to reduce pressure across the heat exchanger 3. Schedule short shutdown to make weld repair to HIP	
Type of Incident : (Select all that apply)			
Was there Potential for an On-Job Injury / Illness		No	
Was there an On-Job Injury / Illness (Link to S35G)		No	
Operation status at time of incident		Normal Operation / Activity	
Incident Recommendation - PREFIX:		INE - Incident - Environmental	

Environmental and / or Process Safety			
Type of Environmental / Process Incident (Select all that apply)		Release of Materials	
Area PSM Classification		HHP	
Was there off-site impact?		No	
Outside Notification Required?		No	Names of Outside Agencies Notified
		Release Reporting Guidelines	
Release - UNITS of Weight Measure:		Lbs	
Amount Released out of Primary containment	0.291	Duration (Mins.)	60
Was release contained?			
Amount Released out of Secondary Containment (Decimal Symbol to be ".")	0.22	To what medium?	Air
HTM Chemicals Released (Select All That Apply)			
Chemicals Released (other than HTM)		sulfur dioxide	
Were any people exposed to the chemicals?		No	

EXHIBIT #	8
DEPONENT	<i>V. Long</i>
 TORRES REPORTING & ASSOCIATES, INC. COURT REPORTING & LITIGATION SERVICES www.torresreporting.com	

DSF0000010

Instructions

2009 ACC Reportable Quantities:

An acute release of flammable, combustible, or toxic chemical from primary containment. Release measured in 1-hr blocks.

Hydrogen Sulfide	55 lbs	
Sulfur dioxide	220 lbs	
Sulfur trioxide, stabilized	55 lbs	
Sulfuric Acid, fuming ($\geq 30\%$ oleum)	55 lbs	
Sulfuric Acid, fuming ($< 30\%$ oleum)	1100 lbs	
Sulfuric Acid	2200 lbs	
Sodium Hydroxide solution (all strengths):	2200 lbs	
Nitrosylsulfuric acid	2200 lbs	
Hydrogen Peroxide ($> 40\% - < 60\%$)		2200 lbs

Incident Report Quality Assurance questions.

These questions are to be reviewed and answered for each incident that is being authorized.

PHA Area ☐ Acid Plant ☐

☐

8. Actual off-site impact ☐ 0

ENVIRONMENT RATING (* Indicates an automatic Category A Incident)		Points	
1. Hazards and materials involved	a. Highly toxic materials (HTM)		20
2. Actual Size of release, incident or magnitude of event	f. Very small - Release < 0.45 kg (< 1 lb) of highly toxic materials (listed in DuPont SHE Standard S23A). Other comparable substances may be designated by region or business. A "Very small" release refers to a drip or an instantaneous release (e.g., a "puff").		0
6. Actual on-site Impact			0
6(1). Evacuation - Due to the presence of hazardous conditions	c. Precautionary evacuation or no evacuation	0	
6(2). Shelter-in-place - Due to the presence of hazardous conditions	c. Precautionary shelter-in-place or no shelter-in-place	0	
6(4). Process shutdown - Due to the presence of hazardous conditions as a result of the incident	d. Nonemergency shutdown due to very small drips or puffs that are localized at the source only and where very minimal or no production impact occurs. Note - Discretionary / nonemergency shutdowns that are taken consistent with a site's zero-leak philosophy should be scored 0 points	0	
6(6). Damage to property (e.g. - groundwater / sediment / surface water / soil / or soil cover (e.g. - aggregate and shell)) contamination	c. No impact to soil / surface water / or groundwater or release limited to surface soil or water that is readily remediated by plant personnel as part of the initial response to the incident	0	
6(7). Damage to wildlife (e.g. - deer / birds / or small animals) - aquatic life (e.g. fish / turtles / crabs / or frogs) - or vegetation (e.g. trees / bushes / or grass)	c. No impact or slight reversible impact to vegetation (e.g. brown grass or damage to tree leaves) aquatic life or wildlife in the area of the event only	0	
8. Actual off-site impact			0
8(1). Evacuation	c. No evacuation	0	

8(2). Shelter-in-place	c. No precautionary or nonprecautionary shelter-in-place	0	
8(3). Injury	b. None	0	
8(4). Media Coverage	d. None	0	
8(5). Damage to property (e.g. - groundwater / sediment / surface water / soil / or soil cover (e.g. - aggregate and shell)) contamination	c. None	0	
8(6). Damage to wildlife (e.g. - deer / birds / or small animals) - aquatic life (e.g. fish / turtles / crabs / or frogs) - or vegetation (e.g. trees / bushes / or grass)	c. None	0	
8(7). Community impact	d. None	0	
8(8). Outside agency emergency response	b. No notification - involvement - or outside agency responders notified and on standby or observing with no active involvement in emergency response	0	
8(9). Government and external reporting	c. Precautionary, courtesy, or no reporting	0	
8(10). Government response	c. None	0	
			20
Environment Rating: C			

6. Actual on-site Impact	0
8. Actual off-site impact	0

6. Actual on-site Impact	0
8. Actual off-site impact	0

Incident Type	Rating (A, B, C) (Link to S8Y)	Rating Number
Environmental		
POTENTIAL ON-JOB INJURY		
POTENTIAL On-Job Injury / Illness		

Determination of Investigation Requirements	
Is this a repeat incident?	Yes
Do you expect that Mechanical Integrity (MI) and/or Quality Assurance (QA) will be significant key factors or contributors to this incident?	
Is Further / Full Investigation of this incident recommended / required ?	
Reporting \ Roll-Up details are required for all incidents	

"One-Pager" Communication	
Is a "One-Pager" to be prepared?	No
Preliminary One-Pager Suggested: All Event Related Injuries All Category A, B Incidents Near Miss Incidents (>LWC) Other type with important learnings	Final One-Pager Suggested: All Event Related LWC All Category A, B Incidents Other type with important additional learnings

MitC - INC (Incident Notification Communication) / ITS Transfer Status	
Transfer enabled By:	Kerry Long/AE/DuPont On : 05/25/2012

Environmental and / or Process Safety				
Primary equipment involved			Pipelines & Fittings	
Units of material released quantity				
<u>Material Type</u>	<u>Name of Chemical / Material</u>	<u>Amount Released out of Primary containment</u>	<u>Amount Released out of Secondary Containment</u>	<u>Released out of Secondary Containment to:</u>
Gases - toxic	SO2 and SO3			Air
PSM Incident Cost Calculator				
Property Damage cost (\$)			\$0	
Environmental Damage cost (\$)			\$0	
Business Interruption cost (\$)			\$0	
Other Cost (\$)			\$0	
Total Cost (\$)			\$0	

Associated CAR's

Email will go to the default distribution list.	
Preliminary:	n/a
Issue & Rated:	n/a

Final:	SPEC~Sulfur~Burnside~Authors; Brian E Bentley/AE/DuPont; Raymond G Allen/AE/DuPont; Rob M Brown/AE/DuPont; SPEC~Sulfur~Burnside~Editors
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List any names for off-site notification	List any additional names below for the Final Report:
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Workflow / Status	Approver/ Completed By:	Upon Completion - Copy Email to:	Completed Date:	Approval Required From:
DRAFT/NEW				
0 Draft	Author Thomas Miller		05/25/2012	All
IN-PROGRESS				
1 Rate Incident	Maintenance, Environmental Manager Kerry Long		05/25/2012	Any One
2 Approve Rating	Plant Manager Thomas Miller/CL/DuPont			All
3 Formal Investigation	Incident Lead Investigation Leader			All
4 Submitted To Authorizer	Plant Manager Kerry Long	Final	05/25/2012	All
COMPLETE				
20 Issued				

Status/Edit Tracking
Update History:
05/25/2012 : Thomas Miller : Status updated to Rate Incident
05/25/2012 : Kerry Long : Status updated to Submitted To Authorizer
05/25/2012 : Kerry Long for Thomas Miller : Status updated to Issued

Added as per PQR#11183829 - Lookup for PComplete11 to PComplete15

*Only past five edits are shown